RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: _____10/553,603_____

Source: _____JFWP_____

Date Processed by STIC: _____11/14/2006_____

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RAW SEQUENCE LISTING   DATE: 11/14/2006
PATENT APPLICATION: US/10/553,603 TIME: 08:33:46

Input Set : **A:\77817USW.APP**
Output Set: **N:\CRF4\11142006\J553603.raw**

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 3 <110> APPLICANT: BRACHET, ANNE-GAELLE
 4        RIZO, PHILIPPE
 5        TABERLET, PIERRE
 6        TEXIER-NOGUES, ISABELLE
 8 <120> TITLE OF INVENTION: METHOD OF PREPARING DNA FRAGMENTS BY SELECTIVE
 9        FRAGMENTATION OF NUCLEIC ACIDS AND APPLICATIONS THEREOF
11 <130> FILE REFERENCE: 70078.0017USWO
13 <140> CURRENT APPLICATION NUMBER: 10/553,603
14 <141> CURRENT FILING DATE: 2005-10-18
16 <150> PRIOR APPLICATION NUMBER: PCT/FR04/000963
17 <151> PRIOR FILING DATE: 2004-04-19
19 <150> PRIOR APPLICATION NUMBER: FR 0304893
20 <151> PRIOR FILING DATE: 2003-04-18
22 <160> NUMBER OF SEQ ID NOS: 37
24 <170> SOFTWARE: PatentIn Ver. 3.3
26 <210> SEQ ID NO: 1
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28 <212> TYPE: DNA
29 <213> ORGANISM: Artificial Sequence
31 <220> FEATURE:
32 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
33        oligonucleotide
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36 ggaagcctag ctgga                                              15
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40 <211> LENGTH: 16
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42 <213> ORGANISM: Artificial Sequence
44 <220> FEATURE:
45 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
46        oligonucleotide
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49 ggaagcctag ctggac                                             16
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54 <212> TYPE: DNA
55 <213> ORGANISM: Artificial Sequence
57 <220> FEATURE:
58 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
59        oligonucleotide
61 <400> SEQUENCE: 3
62 aattctccag ctaggcttcc                                         20
65 <210> SEQ ID NO: 4
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$(P8-6)$

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Input Set : A:\77817USW.APP
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67 <212> TYPE: DNA
68 <213> ORGANISM: Artificial Sequence
70 <220> FEATURE:
71 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
72       oligonucleotide
74 <400> SEQUENCE: 4
75 ggtgagcact catc                                                14
78 <210> SEQ ID NO: 5
79 <211> LENGTH: 16
80 <212> TYPE: DNA
81 <213> ORGANISM: Artificial Sequence
83 <220> FEATURE:
84 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
85       oligonucleotide
87 <400> SEQUENCE: 5
88 gatgagtgct gacctt                                              16
91 <210> SEQ ID NO: 6
92 <211> LENGTH: 16
93 <212> TYPE: DNA
94 <213> ORGANISM: Artificial Sequence
96 <220> FEATURE:
97 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
98       primer
100 <400> SEQUENCE: 6
101 ccttcggatc gacctg                                             16
104 <210> SEQ ID NO: 7
105 <211> LENGTH: 16
106 <212> TYPE: DNA
107 <213> ORGANISM: Artificial Sequence
109 <220> FEATURE:
110 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
111       primer
113 <400> SEQUENCE: 7
114 ctactcacga gtggaa                                             16
117 <210> SEQ ID NO: 8
118 <211> LENGTH: 16
119 <212> TYPE: DNA
120 <213> ORGANISM: Artificial Sequence
122 <220> FEATURE:
123 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
124       oligonucleotide
126 <400> SEQUENCE: 8
127 gacgatgagt cctgac                                             16
130 <210> SEQ ID NO: 9
131 <211> LENGTH: 18
132 <212> TYPE: DNA
133 <213> ORGANISM: Artificial Sequence
135 <220> FEATURE:
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137   oligonucleotide
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140 cggtcaggac tcatcgtc   18
143 <210> SEQ ID NO: 10
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145 <212> TYPE: DNA
146 <213> ORGANISM: Artificial Sequence
148 <220> FEATURE:
149 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
150   oligonucleotide
152 <400> SEQUENCE: 10
153 aattggtacg cagtctac   18
156 <210> SEQ ID NO: 11
157 <211> LENGTH: 14
158 <212> TYPE: DNA
159 <213> ORGANISM: Artificial Sequence
161 <220> FEATURE:
162 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
163   oligonucleotide
165 <400> SEQUENCE: 11
166 gtagactgcg tacc   14
169 <210> SEQ ID NO: 12
170 <211> LENGTH: 18 ·
171 <212> TYPE: DNA
172 <213> ORGANISM: Artificial Sequence
174 <220> FEATURE:
175 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
176   primer
178 <400> SEQUENCE: 12
179 gacgatgagt cctgaccg   18
182 <210> SEQ ID NO: 13
183 <211> LENGTH: 18
184 <212> TYPE: DNA
185 <213> ORGANISM: Artificial Sequence
187 <220> FEATURE:
188 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
189   primer
191 <400> SEQUENCE: 13
192 gtagactgcg taccaatt   18
195 <210> SEQ ID NO: 14
196 <211> LENGTH: 28
197 <212> TYPE: DNA
198 <213> ORGANISM: Artificial Sequence
200 <220> FEATURE:
201 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
202   oligonucleotide
204 <220> FEATURE:
205 <221> NAME/KEY: modified_base

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Input Set : **A:\77817USW.APP**
Output Set: **N:\CRF4\11142006\J553603.raw**

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       206 <222> LOCATION: (22)..(28)
       207 <223> OTHER INFORMATION: a, c, g, t, unknown or other
       209 <400> SEQUENCE: 14
W--> 210 ggaagcctag ctggacaatt cnnnnnnn                                    28
       213 <210> SEQ ID NO: 15
       214 <211> LENGTH: 28
       215 <212> TYPE: DNA
       216 <213> ORGANISM: Artificial Sequence
       218 <220> FEATURE:
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       220       oligonucleotide
       222 <220> FEATURE:
       223 <221> NAME/KEY: modified_base
       224 <222> LOCATION: (26)..(28)
       225 <223> OTHER INFORMATION: a, c, g, t, unknown or other
       227 <400> SEQUENCE: 15
W--> 228 ggaagcctag ctggacaatt ccracnnn                                    28
       231 <210> SEQ ID NO: 16
       232 <211> LENGTH: 29
       233 <212> TYPE: DNA
       234 <213> ORGANISM: Artificial Sequence
       236 <220> FEATURE:
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       238       oligonucleotide
       240 <220> FEATURE:
       241 <221> NAME/KEY: modified_base
       242 <222> LOCATION: (27)..(29)
       243 <223> OTHER INFORMATION: a, c, g, t, unknown or other
       245 <400> SEQUENCE: 16
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       249 <210> SEQ ID NO: 17
       250 <211> LENGTH: 28
       251 <212> TYPE: DNA
       252 <213> ORGANISM: Artificial Sequence
       254 <220> FEATURE:
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       256       oligonucleotide
       258 <220> FEATURE:
       259 <221> NAME/KEY: modified_base
       260 <222> LOCATION: (26)..(28)
       261 <223> OTHER INFORMATION: a, c, g, t, unknown or other
       263 <400> SEQUENCE: 17
W--> 264 ggaagcctag ctggacaatt cgactnnn                                    28
       267 <210> SEQ ID NO: 18
       268 <211> LENGTH: 17
       269 <212> TYPE: DNA
       270 <213> ORGANISM: Artificial Sequence
       272 <220> FEATURE:
       273 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
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```
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      276 <220> FEATURE:
      277 <221> NAME/KEY: modified_base
      278 <222> LOCATION: (1)
      279 <223> OTHER INFORMATION: a, c, g, t, unknown or other
      281 <400> SEQUENCE: 18
W--> 282 naaggtgagc actcatc                                          17
      285 <210> SEQ ID NO: 19
      286 <211> LENGTH: 20
      287 <212> TYPE: DNA
      288 <213> ORGANISM: Artificial Sequence
      290 <220> FEATURE:
      291 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
      292        oligonucleotide
      294 <400> SEQUENCE: 19
      295 gatcctccag ctaggcttcc                                      20
      298 <210> SEQ ID NO: 20
      299 <211> LENGTH: 28
      300 <212> TYPE: DNA
      301 <213> ORGANISM: Artificial Sequence
      303 <220> FEATURE:
      304 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
      305        oligonucleotide
      307 <220> FEATURE:
      308 <221> NAME/KEY: modified_base
      309 <222> LOCATION: (22)..(28)
      310 <223> OTHER INFORMATION: a, c, g, t, unknown or other
      312 <400> SEQUENCE: 20
W--> 313 ggaagcctag ctggacgatc cnnnnnnn                              28
      316 <210> SEQ ID NO: 21
      317 <211> LENGTH: 27
      318 <212> TYPE: DNA
      319 <213> ORGANISM: Artificial Sequence
      321 <220> FEATURE:
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      323        oligonucleotide
      325 <220> FEATURE:
      326 <221> NAME/KEY: modified_base
      327 <222> LOCATION: (25)..(27)
      328 <223> OTHER INFORMATION: a, c, g, t, unknown or other
      330 <400> SEQUENCE: 21
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      334 <210> SEQ ID NO: 22
      335 <211> LENGTH: 27
      336 <212> TYPE: DNA
      337 <213> ORGANISM: Artificial Sequence
      339 <220> FEATURE:
      340 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
      341        oligonucleotide
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RAW SEQUENCE LISTING ERROR SUMMARY   DATE: 11/14/2006
PATENT APPLICATION: US/10/553,603   TIME: 08:33:47

Input Set : **A:\77817USW.APP**
Output Set: **N:\CRF4\11142006\J553603.raw**

Please Note:
Use of n and/or Xaa have been detected in the Sequence Listing. Please review the
Sequence Listing to ensure that a corresponding explanation is presented in the <220>
to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:14; N Pos. 22,23,24,25,26,27,28
Seq#:15; N Pos. 26,27,28
Seq#:16; N Pos. 27,28,29
Seq#:17; N Pos. 26,27,28
Seq#:18; N Pos. 1
Seq#:20; N Pos. 22,23,24,25,26,27,28
Seq#:21; N Pos. 25,26,27
Seq#:22; N Pos. 25,26,27
Seq#:23; N Pos. 25,26,27
Seq#:24; N Pos. 26,27,28
Seq#:25; N Pos. 25,26,27
Seq#:27; N Pos. 21,22,23,24,25,26,27
Seq#:28; N Pos. 22,23,24,25,26,27
Seq#:29; N Pos. 22,23,24,25,26,27
Seq#:30; N Pos. 22,23,24,25,26,27
Seq#:33; N Pos. 7,8,9,10,11,12,13,14,15,16
Seq#:34; N Pos. 6,7,8,9,10,11,12,13,14,15
Seq#:35; N Pos. 7,8,9,10,11,12,13,14,15,16,17
Seq#:36; N Pos. 6,7,8,9,10,11,12,13,14

VERIFICATION SUMMARY
PATENT APPLICATION: **US/10/553,603**

DATE: 11/14/2006
TIME: 08:33:47

Input Set : **A:\77817USW.APP**
Output Set: **N:\CRF4\11142006\J553603.raw**

```
L:210 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14 after pos.:0
L:228 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:0
L:246 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:0
L:264 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17 after pos.:0
L:282 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18 after pos.:0
L:313 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20 after pos.:0
L:331 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21 after pos.:0
L:349 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22 after pos.:0
L:367 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23 after pos.:0
L:385 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24 after pos.:0
L:403 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25 after pos.:0
L:434 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:27 after pos.:0
L:452 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28 after pos.:0
L:470 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29 after pos.:0
L:488 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30 after pos.:0
L:532 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33 after pos.:0
L:550 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:34 after pos.:0
L:568 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:35 after pos.:0
L:586 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:36 after pos.:0
```